



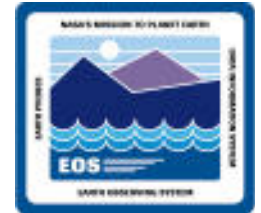
Key Mechanisms

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23 April 1996

Architecture





Architecture Evolution

At SDR:

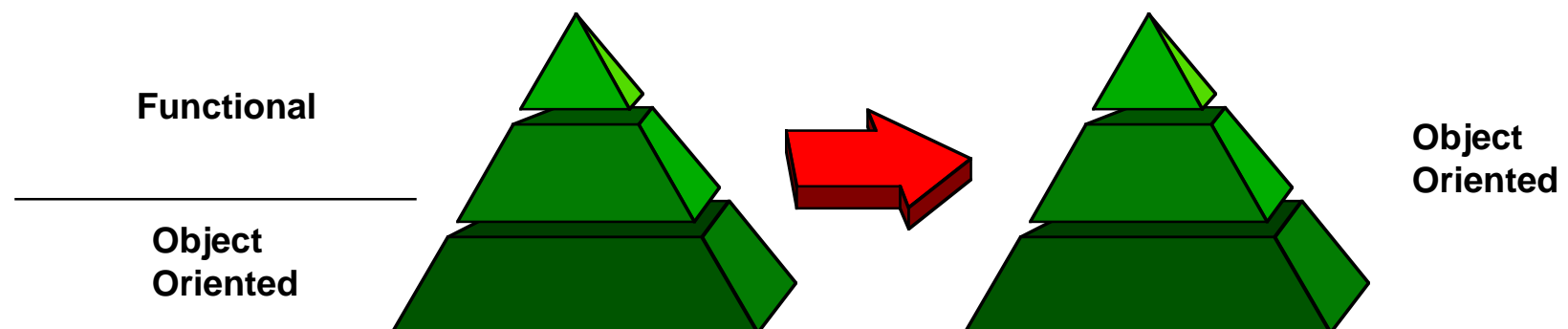
- **Original Functional Decomposition**

Since SDR:

- **Object Oriented Decomposition at the subsystem level**

Since Release A PDR

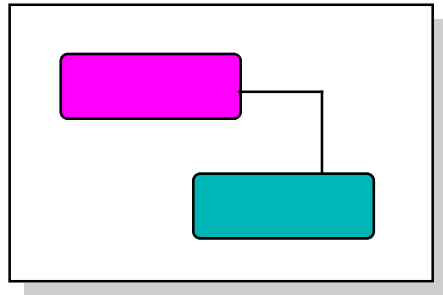
- **root architecture has evolved to an object oriented framework**





Key Mechanisms

Process Framework



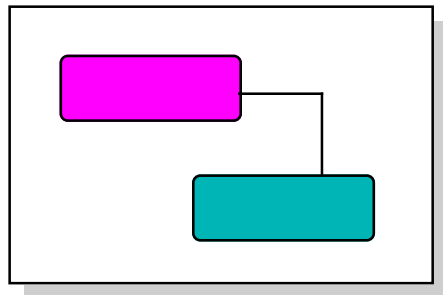
Features

- OODCE Init
- Config. File Support
- Mode Mgmt Support
- Event Handling
- Lifecycle Services
- Client Support

Benefits

- Ease of use for application developers
- Support all ECS Applications

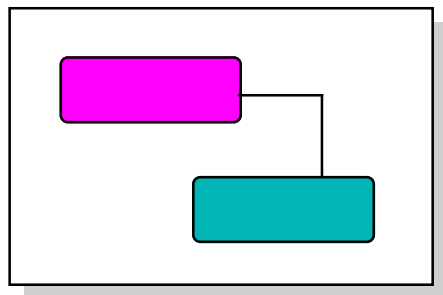
Server Request Framework



- Persistent, guaranteed msging
- Async. Msg Passing
- Server Functionality
- Client Functionality

- Provides client as well as server developers a common design pattern and implementation for server/request model

Subscription Server



- Producer/Consumer Paradigm
- Event/Action Model

- Moved from DSS to common framework to increase code reuse of subscription services